

VII. Scientific Equipment

Section VII lists additions and deletions to the principal scientific equipment available at McMurdo, South Pole, and Palmer stations and onboard USAP research vessels.

ADDITIONS

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³
Astrophysics Aeronomy						
Antenna, VLF Loop						X
Camera, All-Sky						X
Hi-Vacuum System		X				
Ice Maker		X				
Incubator, Percival		X				
Magnetometer, Three Axis Fluxgate		X				
Oxygen-Analyzing System		X	X			
Photometer, Auroral						X
Receiving System, VLF		X				
Riometers, 30 & 50 MHz						X
Spectroradiometer, Ultraviolet				X	X	
Biology						
Analyzer, Total Organic Carbon			X			
Dewar, Liquid Nitrogen Storage		X				
Dry Ice Maker		X				
Dry Shippers, Liquid Nitrogen		X				
Ice Maker (dry ice)			X			

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG¹</u>	<u>NBP²</u>	<u>AGO³</u>
Meter, Microoxygen			X			
Plotters, Thermal				X	X	
Projector, Digital				X	X	
Sequencing System					X	
Computers & Peripherals						
Printer, Ink Jet, Color		X				
CDRom - R		X				
CD Writer		X				
Geology/Geophysics						
Heliocoder		X				
Meteorology						
Barometers						X
Receiver, High Resolution Picture (Terascan)					X	
Temperature Probes, RTD-Platinum				X	X	
Temperature Thermometers						X
Weather Station		X				X
Wind Indicators						X
Seismology						
IRIS System						X
Receiver, GPS						X
Other						
Data Link, Satellite						X
Global Positioning System						X

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³
Nitrogen Generator	X	X				
Projector, Video		X	X			
Scanner			X			

DELETIONS

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³
Astrophysics Aeronomy						
Transport, Liquid Nitrogen	X					
Biology						
Recorders, EPC Analog				X	X	
Environmental Monitoring						
Aethelometer		X				
Recorders, EPC Analog				X	X	
Meteorology						
Radiotheodolite System, Automatic		X				
Oceanography/Limnology						
SAT VAV/GPS				X	X	
Satellite Navigation				X	X	
Seismic Systems, Single and Multi-channel					X	

1 = R/V Laurence M. Gould

2 = R/V Nathaniel B. Palmer

3 = AUTOMATED GEOPHYSICAL OBSERVATORY

National Science Foundation

Arlington, Virginia 22230

September 1, 2003